

15" Panel Computer - PS3710A-TA2 Series (AC Model)

8 GB or 2 GB Bootable CompactFlash® Card

16-64GB Solid State Drive

15-inch TFT Color LCD
Panel Computer

PS-3710A

Model: PS3710A-TA2 Series

CPU: Intel Pentium M 1.6 GHz

AC100/240V

15-inch

All-in-one model

Windows® XP

Factory Alert System

Windows® XP Embedded

SSD

WinGP

CF Card

Features:

- 15-inch (XGA 1024x768) TFT Touch Panel Computer
- Intel® Pentium® M 1.6 GHz
- 60 GB Hard Drive, 2 or 8 GB CF Drive, or 16-64 GB SSD (Solid State Drive)
- Windows XP Pro or XP Embedded
- DVD-ROM
- NEMA 4/4x/12 Rated
- RoHS Directive-conforming
- SSD (Solid State Drive) for Reliability and faster data access

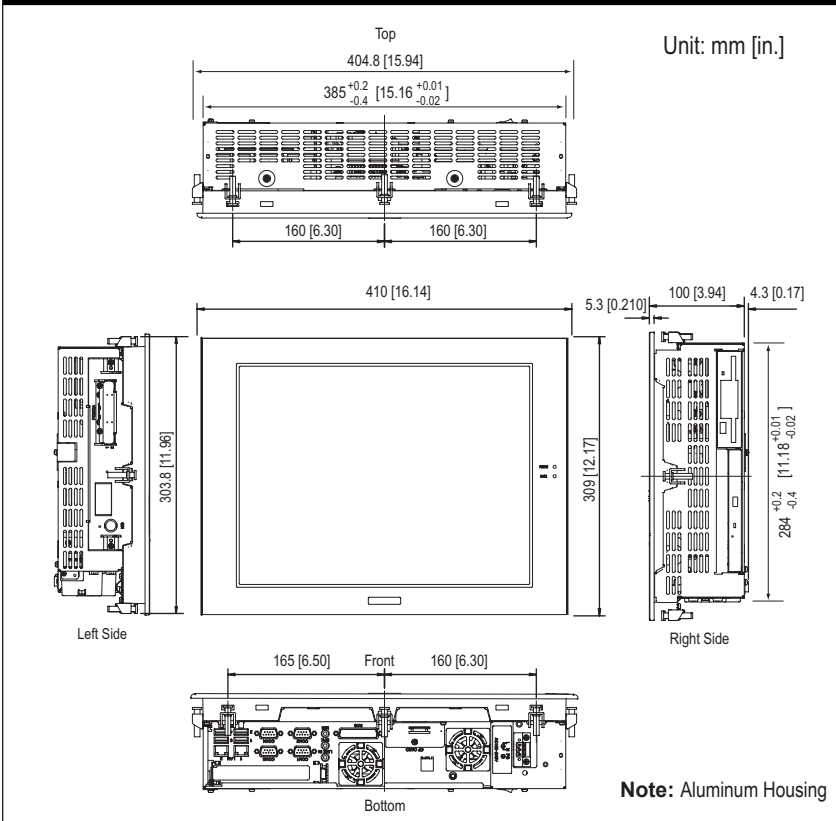
- Integrated Factory Alert System with Output Port *1
- Class I, Div. 2 Hazardous Location
- Open HMI WinGP Option**
- Use PC as On-demand Touch Screen HMI
- Allows 3rd Party Applications to Run Concurrently:
 - SPC, Vision, SCADA, MRP
- Expands PC Hardware and Data Connectivity Options

Performance Specifications	
Model	PS3710A-TA2 Series - Build to order (See reverse side for ordering information)
Supported OS	Windows® XP Multi-language (XM60, XM16S, XM16SA, XM32SA, XM64SA), Windows® XP Pro® (XPC08) (*This version of XP Pro includes English, French, Spanish, Brazilian Portuguese, Japanese, Simplified and Traditional Chinese Languages), Windows® XP Embedded Multi-language (EM2G)
CPU	Intel® Pentium® M 1.6 GHz
Standard Memory	1 GB SO-DIMM Standard, 2 GB SO-DIMM Optional
Maximum Memory	2 Slots (Max. 2 GB) SO-DIMM socket
Graphics Display Resolution	XGA (1024 x 768 dots)
Video Memory	Max. 64 MB (When using Windows® UMA Type)
Display Type and Size	TFT Color LCD (15 inch)
Display Colors	262,144 Colors
Display Area	W 304.1mm[11.97in.] x H 228.1mm[8.98in.]
Touch Screen	Resistive Film (Analog)
Serial	COM1: RS 232C, D-sub 9 pin (plug) (RI/+5V switchable) COM2: RS 232C, D-sub 9 pin (plug) (RI/+5V switchable) COM3: RS 232C, D-sub 9 pin (plug) (RS-422/RS-485 switchable) COM4: RS 232C, D-sub 9 pin (plug)
LAN	Rear 2 ports. RJ-45 type modular jack connector (8 pins) LAN1: auto change to 10BASE-T/100BASE-TX LAN2: auto change to 10BASE-T/100BASE-TX/1000BASE-T (Support Wake On LAN)
USB	USB 2.0 compatible rear 4 ports.
Sound	Line In, Speaker output, MIC In, rear 3 ports (3.5mm jack x 3)
Video	RGB (VGA) output connector 1 port
Disk	IDE I/F, Master: 2.5 inch 60GB HDD. or 16-64GB SSD Slave: CF Card I/F (not hot-swappable). Switchable to Master by hardware setting. DVD-ROM
PCMCIA	Side 2 ports. PCMCIA Type II, Type III. Corresponding to CARD BUS (Excluding Video Zoom, SOUND functions)
PCI	Rev.2.2 compatible PCI I/F (5V) 1 Port. Slot Length: Depth 240mm[9.45in.] x Height 106.68mm[4.20in.]
RAS*1	D-Sub, 25pin Socket, 1 Port

*1 Factory Alert System is equipped with the built-in RAS interface.

General Specifications	
Model	PS3710A-TA2 Series (AC Models)
Input Voltage	AC100 / 240V (Rated Voltage*85 to 264V)
Power Consumption	150VA or less
Allowable Voltage Drop	1 cycle or less (Voltage drop interval must be 1s or more.)
Voltage Endurance	AC1500V 20mA for 1 minute (between charging and FG terminals)
Insulation Resistance	DC500V 10MΩ(min.) (between charging and FG terminals)
Certifications	UL508, CSA-C22.2 No.142-M1987, ANSI/ISA-12.12.01-2007 (Class I, Division 2, Groups A, B, C, D Hazardous Locations), CSA-C22.2 No.213-M1987 (Class I, Division 2, Groups A, B, C, D Hazardous Locations), CE (EN55011 Class A, EN61000-6-2, EN60950-1), RoHS
Temperature	0 to 50°C (32 to 122°F) without HDD; 5 to 50°C (41 to 122°F) with HDD
Humidity - Ambient/Storage	10 to 90% RH (Not condensing, wet bulb temperature: 29°C (84.2°F) or less). Storage Temperature -20 to +60°C (-4 to 140°F)
Corrosive Gas	Free of corrosive gases
Noise Immunity	Noise Voltage: 1500Vp-p, Pulse Duration: 50ns, 500ns, 1µs Rise Time: 1ns (via noise simulator)
Cooling Method	Forced Air Cooling by Fan
Electrostatic Discharge Immunity	6kV (complies with EN 61000-4-2 Level 3)
Vibration Resistance	IEC61131-2 compliant: Without HDD - 5 to 9Hz half-amplitude 3.5mm, 9 to 150Hz constant-accelerated velocity 9.8m/s². X,Y,Z directions for 10 cycle (100 minute) With HDD - 4.9m/s² (10 to 25Hz X, Y, Z directions for 30 minute)
Shock During Operation	EN/IEC 60068-2-27 compliant, 147m/Sec, 11msec (Approx. 15G), 3 shocks to 3 direction/ axis
Rating	Equivalent to IP65f, NEMA #250 TYPE 4/4X/12.
Weight	Approx. 8.0kg [17.6lb] max. (unit only)
External Dimensions	410mm [16.14in.] W x 309mm [12.17in.] H x 100mm [3.94in.] D
Warranty	Two (2) year

PS-3710A - External Dimensions - North American Version



Ordering Information

PS3710A-TA2- _____ - _____ - _____

Memory: _____
 1G.....1 GB
 2G.....2 GB

Operating System: _____
 XM60....60 GB HDD w/ XP ML
 EM2G...2 GB CF w/ XPe ML
 XPC08..8 GB CF w/ XP Pro*
 XM16S....16GB SSDw/XP ML
 XM16SA..16GB SSDw/XP ML
 XM32SA..32GB SSDw/XP ML
 XM64SA..64GB SSDw/XP ML

Secondary Storage: _____
 Blank....No Secondary Storage
 NO60....60GB HDD
 NO16SA..16GB SSD
 NO32SA..32GB SSD

Open HMI: _____
 Blank....No HMI Software Included
 WG.....WinGP Installed

* The languages included with this version of Windows XP Pro are English, French, Spanish, Brazilian Portuguese, Japanese, Simplified and Traditional Chinese.

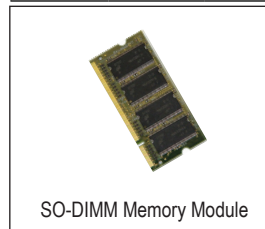
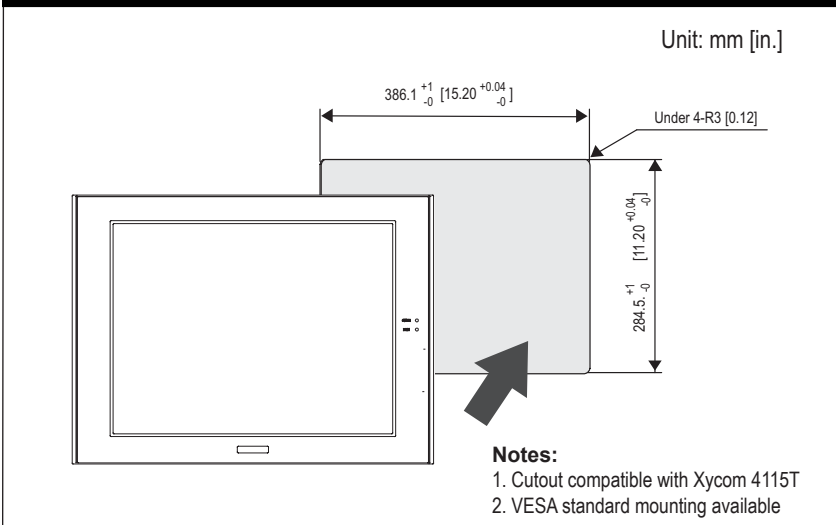
Optional Items

Product Name	Part Number
SO-DIMM Memory Module	1 GB PSA-DDR1G
CF Card *2	512MB CA3-CFCALL/512MB-01
	1GB CA6-CFCALL/1GB-01
	2GB CA8-CFCALL/2GB-01
	8 GB 144766
Installation Fasteners *1	CA3-ATFALL-01
AC Power Connector *1	CA7-ACCNL-01
Screen Protection Sheet (5 sheets/set)	CA3-DFS15-01

*1 Standard attachment for all models.
 *2 Not installed with operating system.

Caution: Before operating any of these products, please be sure to read all related manuals thoroughly.
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 - All information contained in this document is subject to change without notice.

PS-3710A - Cut-Out Dimensions - North American Version



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Customer Service Hotline: 800.289.9266

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Avertissement concernant la Proposition 65 de Californie—Plomb et composés de plomb

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